

34. The method of claim 33, wherein said providing information comprises the first computer providing information regarding the user interface of the graphical program to the second computer during said executing.

35. The method of claim 33, further comprising:  
the first computer providing information regarding the user interface of the graphical program to a plurality of computers during said executing; and  
each of the plurality of computers displaying the user interface of the graphical program after said providing.

36. The method of claim 33,  
receiving user input to the second computer, wherein said user input specifies the graphical program on the first computer;  
wherein said providing information is performed after said user input specifying the graphical program on the first computer.

37. The method of claim 33, wherein the first computer and the second computer are connected over a network;  
wherein said providing comprises the first computer providing the information regarding the user interface of the graphical program over the network to the second computer.

38. The method of claim 37, further comprising:  
receiving user input to the second computer, wherein said user input specifies the graphical program on the first computer;  
the second computer connecting to the first computer over the network;  
wherein said providing information is performed after said user input specifying the graphical program on the first computer and after said connecting.

39. The method of claim 38,

wherein the graphical program is already executing on the first computer when said connecting occurs.

40. The method of claim 38, further comprising:

the first computer launching execution of the graphical program in response to said connecting to the first computer.

41. The method of claim 38, wherein said receiving user input specifying the graphical program on the first computer comprises receiving a uniform resource locator (URL).

42. The method of claim 41, wherein the URL specifies one of: the first computer or the graphical program on the first computer.

43. The method of claim 37, wherein the network is the Internet.

44. The method of claim 37,

wherein said displaying comprises displaying the user interface of the graphical program on a web browser of the second computer.

45. The method of claim 33, further comprising:

receiving user input to the graphical program via the displayed user interface on the second computer;

providing the user input to the first computer;

wherein the graphical program executing on the first computer is operable to respond to the user input.

46. The method of claim 33,

wherein the graphical program produces a first output state;

wherein said displaying the user interface includes displaying the user interface illustrating the first output state.

47. The method of claim 46, wherein the graphical program produces a second output state after the graphical program produces the first output state, the method further comprising:

providing a user interface update indicating the second output state;  
updating the user interface displayed on the second computer in response to the user interface update.

48. The method of claim 33, further comprising:  
providing information regarding a block diagram associated with the graphical program;

displaying the block diagram on the second computer, using the information regarding the block diagram.

B' 49. The method of claim 48, further comprising:  
receiving user input specifying an edit to the block diagram;  
providing the user input specifying the edit to the first computer;  
wherein the first computer is operable to edit the graphical program according to the user input specifying the edit.

50. The method of claim 33, further comprising:  
specifying the graphical program on the first computer;  
wherein said specifying comprises receiving a uniform resource locator (URL).

51. The method of claim 33, wherein the graphical program includes a diagram portion and a user interface portion;

wherein said executing the graphical program on the first computer comprises executing the diagram portion of the graphical program on the first computer.

52. The method of claim 33, wherein the graphical program implements a virtual instrument;

wherein the user interface of the graphical program comprises a front panel of the virtual instrument.

53. A system for executing a graphical program, the system comprising:  
a first computer including a processor coupled to a memory, wherein the first computer is operable to couple to a network;  
a graphical program stored in the memory of the first computer;  
a second computer operable to couple to the network, wherein the second computer includes a display;

wherein the first computer is operable to execute the graphical program and is operable to provide information regarding a user interface of the graphical program over the network to the second computer during said executing;

wherein the second computer is operable to receive the information regarding the user interface and display the user interface of the graphical program in response to said providing.

54. The system of claim 53,  
wherein the second computer is operable to receive user input that specifies the graphical program on the first computer;  
wherein the second computer is operable to connect to the first computer over the network using the user input that specifies the graphical program on the first computer.

55. The system of claim 54,  
wherein the first computer is operable to launch execution of the graphical program in response to the second computer connecting to the first computer.

56. The system of claim 54, wherein said user input comprises a uniform resource locator (URL).

57. The system of claim 56, wherein the URL specifies one or more of: the first computer or the graphical program on the first computer.

58. The system of claim 53, wherein the network is the Internet.

59. The system of claim 53, wherein the second computer stores a web browser, wherein the web browser is executable on the second computer to display the user interface of the graphical program on the second computer.

60. The system of claim 53, further comprising:

wherein the second computer is operable to receive user input to the graphical program via the displayed user interface on the second computer;

wherein the second computer is operable to provide the user input to the first computer;

wherein the graphical program executing on the first computer is operable to respond to the user input.

61. The system of claim 53,

wherein the graphical program is executable to produce a first output state;

wherein the second computer is operable to display the first output state in the user interface.

62. The system of claim 61,

wherein the graphical program is executable to produce a second output state after the graphical program produces the first output state;

wherein the first computer is operable to provide a user interface update indicating the second output state;

wherein the second computer is operable to update the user interface displayed on the second computer in response to the user interface update.

63. The system of claim 53, further comprising:

wherein the first computer is operable to provide information regarding a block diagram associated with the graphical program;

wherein the second computer is operable to display the block diagram on the display of the second computer, using the information regarding the block diagram.

64. The system of claim 63,

wherein the second computer is operable to receive user input specifying an edit to the block diagram;

wherein the second computer is operable to provide the user input specifying the edit to the first computer;

wherein the first computer is operable to edit the graphical program according to the user input specifying the edit.

65. The system of claim 53, wherein the graphical program includes a diagram portion and a user interface portion;

wherein the first computer is operable to execute the diagram portion of the graphical program.

66. The system of claim 53, wherein the graphical program implements a virtual instrument;

wherein the user interface of the graphical program comprises a front panel of the virtual instrument.

67. The system of claim 53, wherein the system includes:

a plurality of second computers each operable to couple to the network, wherein each of the plurality of second computers includes a display;

wherein the first computer is operable to execute the graphical program and is operable to provide information regarding a user interface of the graphical program over the network to each of the plurality of second computers during said executing;

wherein each of the plurality of second computers is operable to receive the information regarding the user interface and display the user interface of the graphical program in response to said providing.

68. A memory medium comprising program instructions executable to:  
execute a graphical program;  
establish a network connection with client software;  
send information regarding a user interface of the graphical program over the network to the client software after establishing the network connection with the client software.

69. The memory medium of claim 68, further comprising program instructions executable to:

receive user input to the graphical program from the client software;  
provide the user input to the graphical program;  
wherein the graphical program is operable to respond to the user input.

70. The memory medium of claim 68, wherein the graphical program produces a first output state;

wherein said sending information regarding a user interface of the graphical program comprises sending information indicative of the first output state.

71. The memory medium of claim 70, wherein the graphical program produces a second output state after the graphical program produces the first output state;

wherein the memory medium further comprises program instructions executable to send a user interface update indicating the second output state to the client software.

72. The memory medium of claim 68, further comprising program instructions executable to send information regarding a block diagram associated with the graphical program to the client software.

73. The memory medium of claim 68, wherein the program instructions are executable to

establish a network connection with client software associated with a plurality of client computer systems;